

DERWENT-ACC- 1976-72588X
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DERWENT- 197639
WEEK:

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TITLE: Photopolymerisable unsatd. ester mixture - with good adhesion to metal substrates
contains acrylic polymer as adhesion promoter

PATENT-ASSIGNEE: CONTINENTAL CAN CO[CONC]

PRIORITY-DATA: 1975US-0558083 (March 13, 1975)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 2610437 A	September 16, 1976	N/A	000	N/A

INT-CL (IPC): C09D003/81

ABSTRACTED-PUB-NO: DE 2610437A

BASIC-ABSTRACT:

A photopolymerisable mixture, esp. for coatings, comprises a mixture of ethylenically unsatd. esters and a carboxy polymer as adhesion promoter, pref. with a carboxy content 1-10 wt.%, and derived from 3-6C ethylenically unsatd. carboxylic acid, and a alkyl ester of acrylic and/or methacrylic acid, the carboxy polymer being selected from polymers of ethylhexyl acrylate-butyl acrylate-acrylic acid, ethyl hexyl acrylate-ethyl methacrylate-acrylic acid, and ethyl methacrylate-butyl methacrylate-methacrylic acid. The coatings have improved adhesion to metal substrates, and is suitable for drying and hardening with UV-light. Coating mixture has good flow and film-forming props. Can be used for roller coating of metal food containers made from aluminium, tinned steel, and non-tinned steel.

DERWENT-CLASS: A14 A21 A82 G02

CPI- A04-A03; A04-B09; A04-F04B; A04-F06E1; A08-M01; A10-E07; A12-B01; G02-
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